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# Small Sea Changes **BIG Coastal Impacts**

A workshop to explore improved infrastructure resilience, safety, and emergency response through better observation, understanding and prediction of coastal hazards.



**Tuesday, April 22, 2014**

**The Explorers Club, 46 E. 70th Street, New York, NY 10021**

*For more information contact [ioosworkshop@noaa.gov](mailto:ioosworkshop@noaa.gov) or see:*

*[http://www.ioos.noaa.gov/communications/outreach/ne\\_seaboard\\_workshop\\_agenda.pdf](http://www.ioos.noaa.gov/communications/outreach/ne_seaboard_workshop_agenda.pdf)*

*To register interest in attending go to: [www.neracoos.org/ioosworkshop](http://www.neracoos.org/ioosworkshop)*

This workshop will explore how ocean observations and forecasts improve our understanding and prediction of coastal hazards leading to: improved safety; more resilient infrastructure; and better support to risk assessment and emergency response.

The Northeastern Seaboard is exposed to a unique combination of coastal hazards. Storms, hurricanes, flooding, shoreline erosion, tornadoes, tsunamis and earthquakes all pose risks to lives, property and the environment. For the most densely populated region in the United States, these hazards can have major safety, economic, and environmental consequences.

Drawing on case studies from this important region, the workshop will connect the provision of ocean observations and forecasts to the coastal hazard information needs of a range of beneficiaries. Delegates will contribute to debate on linking needs to capabilities, leading to improved understanding of how to best provide the information needed to protect lives, property and the environment in coastal regions.

*The workshop will provide delegates with:*

- A review of coastal hazards and their impacts;
- An understanding of how the US Integrated Ocean Observing System contributes to better understanding and forecasting of coastal hazards;
- An opportunity to influence future priorities for ocean observation and forecasting;
- An opportunity to contribute to future thinking on ways to enhance the resilience of coastal infrastructure and the protection of life and property in coastal regions;
- An opportunity to network with scientists, engineers, asset managers, and decision-makers across a range of disciplines and sectors.



The Small Sea Changes, Big Coastal Impacts workshop is supported by the following sponsors:

